

5.10.7 Other Major Appliance Efficiencies

| <u>Residential Appliance Type</u> | <u>Efficiency Parameter (1)</u> | <u>2002 Stock Efficiency</u> | <u>2002 U.S. Average New Efficiency</u> | <u>2001 Best Available New Efficiency</u> |
|-----------------------------------|---------------------------------|------------------------------|---|---|
| Dishwashers | EF | | 0.55 | 1.50 |
| Clothes Washers (2) | EF & MEF | | 1.64 EF | 2.2 MEF |
| <u>Commercial Appliance Type</u> | <u>Efficiency Parameter (1)</u> | <u>2002 Stock Efficiency</u> | <u>U.S. Average New Efficiency</u> | <u>2001 Best Available New Efficiency</u> |
| Cooking Equipment: | | | | |
| Electric Appliances | EF | 0.72 | | |
| Gas Appliances | EF | 0.51 | | |
| Laundry Equipment: | | | | |
| Electric Drying | EF/COP | | | 0.98 (3) |
| Gas Drying | EF | | | 0.36 (3) |
| Motors | EF | | | 0.65 (3) |
| Office Equipment: | | | | |
| Linear Power Supplies | EF | | | 0.30 - 0.60 (3) |
| Switching Power Supplies | EF | | | 0.80 - 0.95 (3) |
| Motors | EF | | | 0.60 - 0.70 (3) |

Note(s): 1) EF = Energy Factor. COP = Coefficient of Performance. 2) EF does not include remaining moisture content (RMC) of clothes. MEF includes RMC which shows how much the clothes dryer will be needed. 3) 1992.

Source(s): AHAM, 2000 Major Home Appliance Industry Fact Book, Nov. 2000, Tables 29, p. 34 and Table 30, p. 35 for residential efficiencies; DOE/EPA, Energy Star Appliances, www.energystar.gov, July 2001 for best-available dishwashers and clothes washers; EIA, Assumptions to the AEO 2002, Dec. 2001, Table 22 for average cooking efficiency; and BTS/OBE, Characterization of Commercial Building Appliances, Aug. 1993 for commercial efficiencies.